

FIG. 1

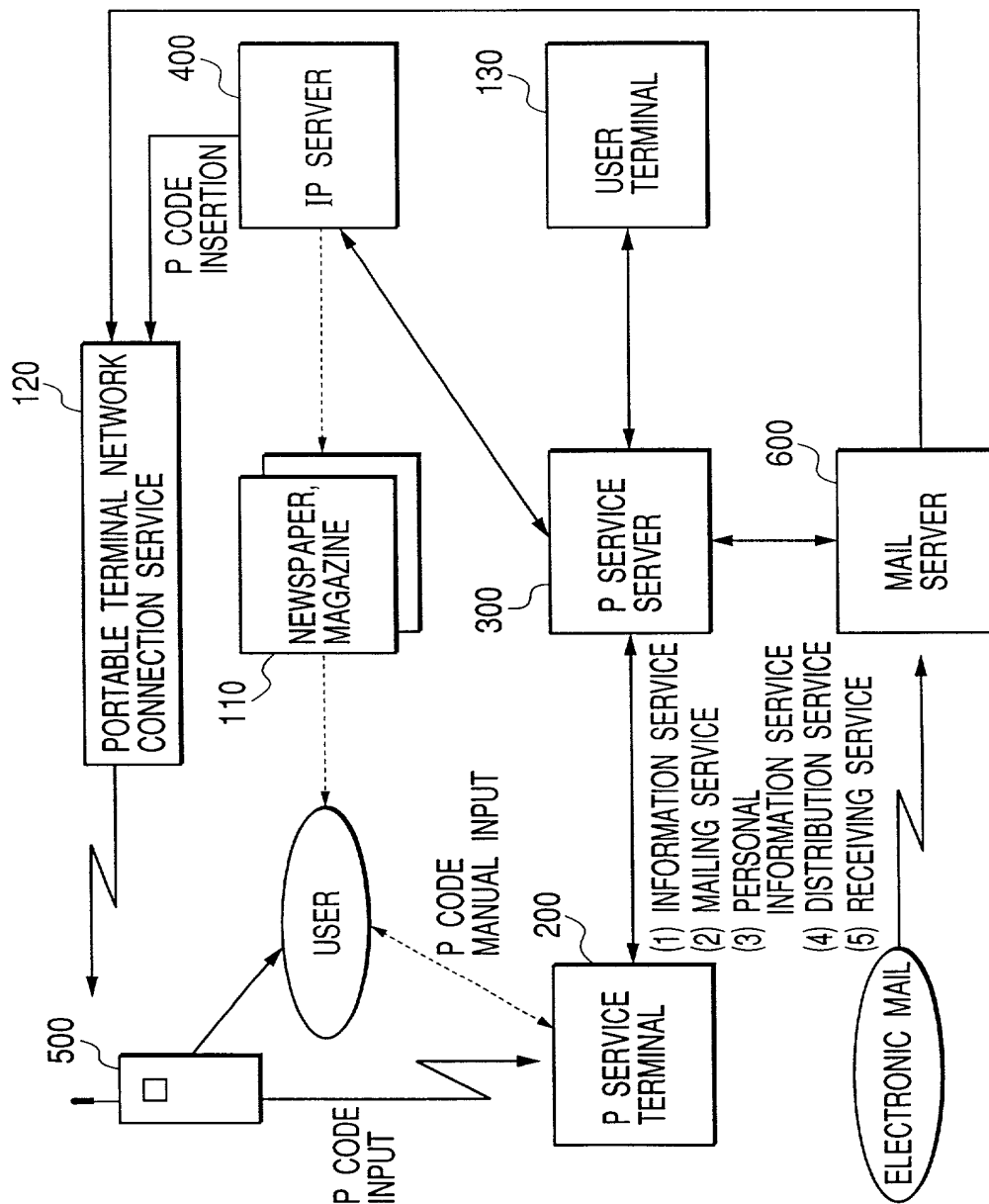


FIG. 2A

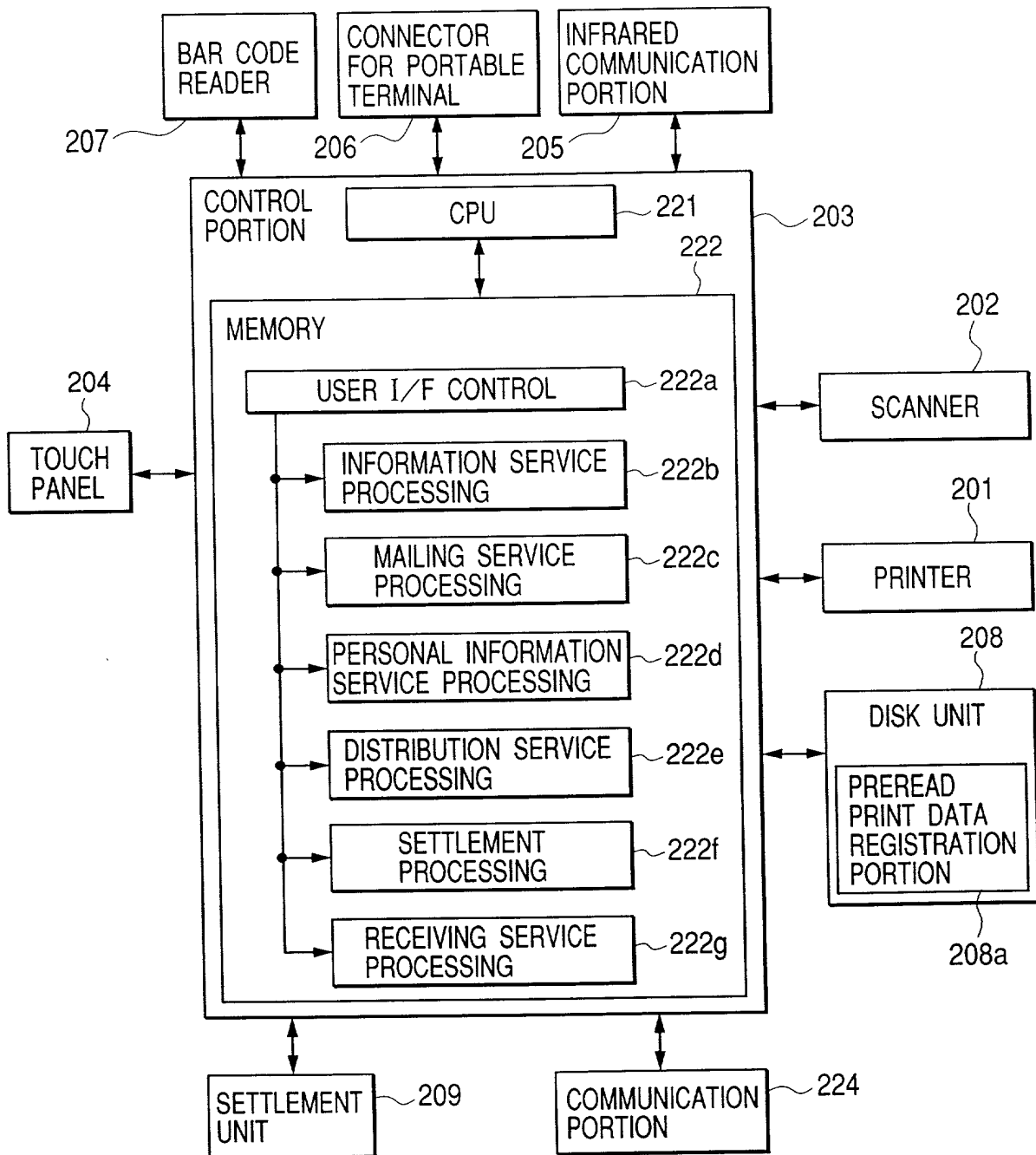


FIG. 2B

TABLE HELD BY P SERVICE TERMINAL

P-CODE	TERM OF DATA VALIDITY PRINT DATA FILE NAME PRINT STATUS DATA DELETION NOTIFICATION FLAG NOTIFICATION DESTINATION	
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FIG. 3

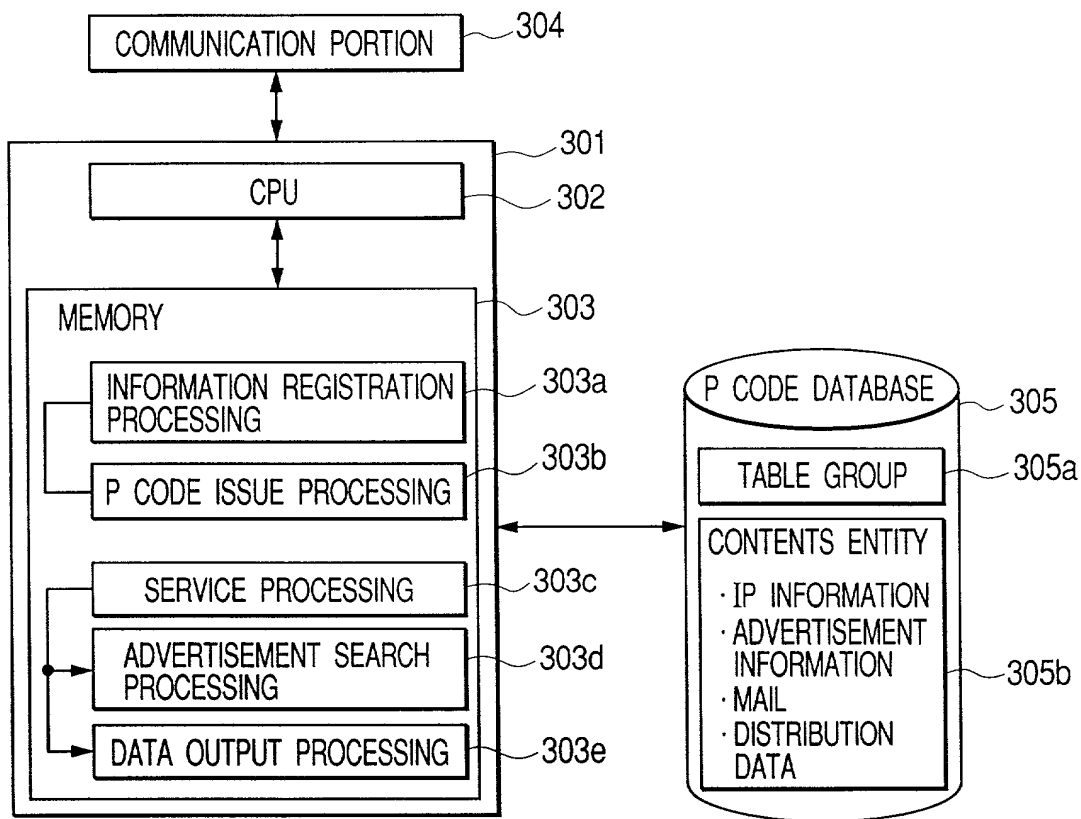


FIG. 4

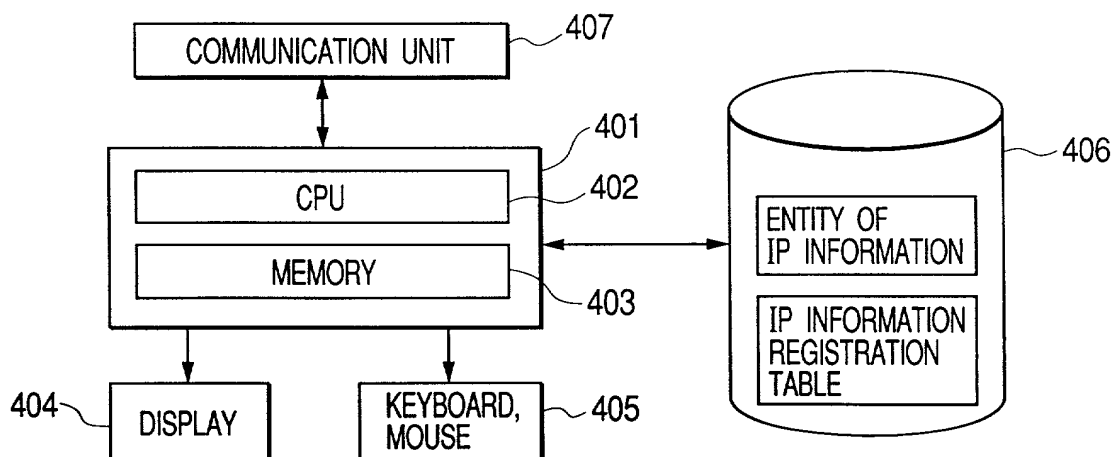


FIG. 5

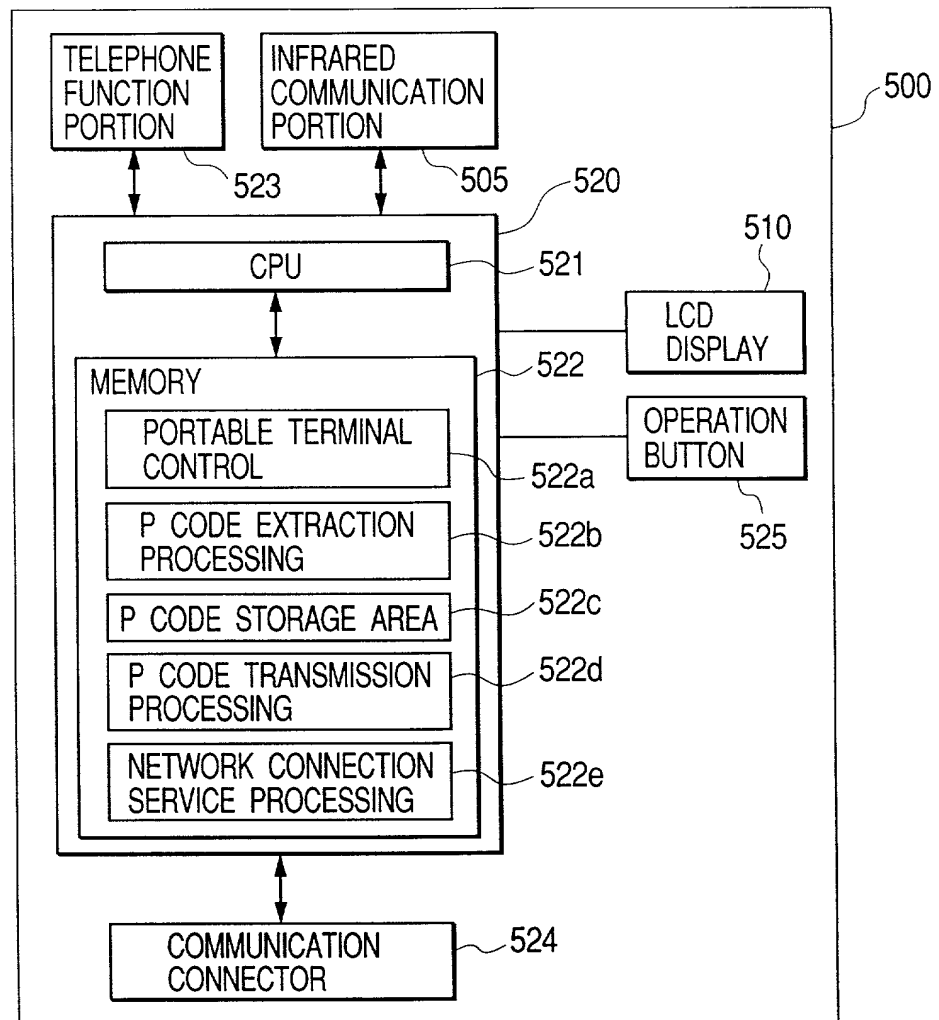


FIG. 6

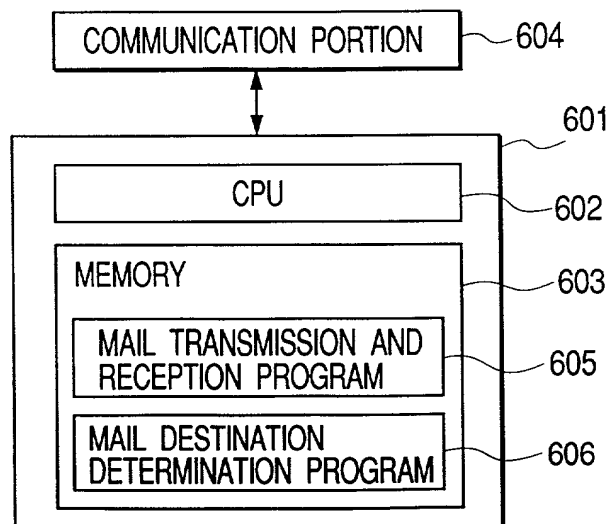


FIG. 8

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ADVERTISEMENT INFORMATION TABLE			
P-CODE	ADVERTISEMENT PROPERTY	OWNER ID	CLASSIFICATION OF LINKING METHOD TARGET KEYWORD LIST LIST OF TARGET KEYWORD WEIGHT
		DATE OF STARTING INSERTION OF ADVERTISEMENT TERM OF ADVERTISEMENT VALIDITY INFORMATION OF LINK TO IP INFORMATION SIZE OF ADVERTISEMENT CROSSWISE/ LENGTHWISE ADVERTISEMENT SIZE ADJUSTING METHOD SETTING OF ADVERTISEMENT INSERTING POSITION UPPER LIMIT AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) MAXIMUM NUMBER OF PRINTING CURRENT NUMBER OF PRINTING ☆	
	LINK	P-CODE	
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST FOR THE NUMBER OF FILES)	

FIG. 9

FIG. 9A

FIG. 9A
FIG. 9B
FIG. 9C

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USER INFORMATION TABLE		
P-CODE (TELEPHONE NUMBER) OF USER	USER PROFILE	ZIP CODE ADDRESS TYPE OF SERVICE TO BE USED COMPANY NAME CATEGORY OF BUSINESS ID CATEGORY OF BUSINESS (IF OTHERS) DEPARTMENT NAME POST DUTY PRINT SHEET INFORMATION
		LAYOUT PRIORITY SHEET SIZE ORIENTATION OF SHEET AMOUNT OF ADVERTISEMENT (USING BOTH SIDES ETC.)
		NOTIFICATION DESTINATION NOTIFYING STATE (UPON UPDATING, ADVANCE SENDING COMPLETION OR THE LIKE)

TO FIG. 9B

FIG. 9C

FROM FIG. 9B

INDIVIDUAL INFORMATION TABLE		TO ANOTHER DB
INFORMATION FOR MAILING SERVICE		OBJECT MAIL ADDRESS
		NOTIFICATION FLAG
		SERVICE TYPE
		NUMBER OF MAILS
INFORMATION FOR DISTRIBUTION SERVICE		MAXIMUM EXPANSION LIMIT VALUE
		MINIMUM REDUCTION LIMIT VALUE
		P-CODE LIST (FOR THE NUMBER OF MAILS)
		NUMBER OF REGISTERED DATA
INFORMATION FOR PERSONAL INFORMATION SERVICE		P-CODE LIST (FOR THE NUMBER OF DISTRIBUTION DATA)
		NUMBER OF FRAME DATA
		P-CODE LIST (FOR THE NUMBER OF FRAME DATA)
		NUMBER OF REGISTERED DATA
INFORMATION FOR RECEIVING SERVICE		P-CODE LIST (FOR THE NUMBER OF REGISTERED)
		CHARGED PARTY FLAG
		PASSWORD FOR RECEIVING

FIG. 10

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P-CODE TABLE FOR MAILING SERVICE		
P-CODE (TELEPHONE NUMBER # NUMBER)	PROPERTY OF MAIL	SUBJECT SENDER DATE AND TIME OF TRANSMISSION
	NOTIFICATION INFORMATION PROPERTY	PRINT STATUS TERMINAL ID DATA DELETION NOTIFICATION FLAG
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST FOR THE NUMBER OF FILES)

FIG. 11

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P-CODE TABLE FOR DISTRIBUTION SERVICE		
P-CODE (TELEPHONE NUMBER--NUMBER)	PROPERTY OF REGISTERED INFORMATION	TITLE※ DATE OF INFORMATION REGISTRATION TERM OF INFORMATION VALIDITY CODE NUMBER (PASSWORD) FOR ACCESSING INFORMATION
		NUMBER OF FILES FILE NAME (LIST FOR THE NUMBER OF FILES)
	ENTITY FILE INFORMATION	

FIG. 12

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P-CODE TABLE FOR RECEIVING SERVICE			
P-CODE (TELEPHONE NUMBER--NUMBER)	PROPERTY OF INFORMATION	REGISTRANT P-CODE/TELEPHONE NUMBER TITLE DATE OF INFORMATION REGISTRATION TERM OF INFORMATION VALIDITY	PRINT STATUS TERMINAL ID DATA DELETION NOTIFICATION FLAG
	NOTIFICATION INFORMATION PROPERTY		NUMBER OF FILES FILE NAME (LIST FOR THE NUMBER OF FILES)
	ENTITY FILE INFORMATION		

FIG. 13

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P CODE TABLE FOR PERSONAL INFORMATION SERVICE			
P-CODE (TELEPHONE NUMBER # # NUMBER)	INFORMATION PROPERTY FOR PERSONAL P-CODE	TITLE DATE OF LAST PRINTING PRINT SHEET INFORMATION	LAYOUT PRIORITY SHEET SIZE ORIENTATION OF SHEET AMOUNT OF ADVERTISEMENT (USING BACK SIDE ETC.)
	REGISTERED P-CODE INFORMATION	NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)	

FIG. 14

PERSONAL INFORMATION TABLE	
USER-ID	<p>FAMILY NAME IN JAPANESE PHONETIC SYLLABARY</p> <p>FIRST NAME IN JAPANESE PHONETIC SYLLABARY</p> <p>FAMILY NAME</p> <p>FIRST NAME</p> <p>MIDDLE NAME</p> <p>ZIP CODE</p> <p>ADDRESS</p> <p>TELEPHONE NUMBER</p> <p>FAX NUMBER</p> <p>CELLULAR PHONE NUMBER</p> <p>E-MAIL ADDRESS</p> <p>CODE NUMBER</p> <p>COMPANY NAME</p> <p>CATEGORY OF BUSINESS ID</p> <p>CATEGORY OF BUSINESS (IF OTHERS)</p> <p>DEPARTMENT NAME</p> <p>POST</p> <p>DUTY</p> <p>COMPANY ZIP CODE</p> <p>COMPANY ADDRESS</p> <p>COMPANY TELEPHONE NUMBER</p> <p>COMPANY FAX NUMBER</p> <p>CHARGED PARTY INFORMATION</p>
	<p>CREDIT CARD COMPANY FOR SETTLEMENT</p> <p>CARD NUMBER</p> <p>TERM OF CARD VALIDITY</p>
	<p>INFORMATION ON USED DISK AREA</p> <p>CHARGE RECORD</p>

OWNER INFORMATION TABLE SAME AS PERSONAL INFORMATION TABLE	
USER-ID	COMPANY NAME/NAME COMPANY ZIP CODE COMPANY ADDRESS COMPANY TELEPHONE NUMBER COMPANY FAX NUMBER E-MAIL ADDRESS OF PERSON IN CHARGE CODE NUMBER CATEGORY OF BUSINESS ID CATEGORY OF BUSINESS (IF OTHERS) DEPARTMENT NAME CHARGED PARTY INFORMATION
	INFORMATION ON USED DISK AREA CHARGE RECORD
	DEBITING BANK DEBITING BANK ACCOUNT TERM OF CONTRACT

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FIG. 15

TERMINAL INFORMATION TABLE	
TERMINAL ID	OWNER ID TERMINAL FORMAT AREA INFORMATION TERMINAL VERSION TERMINAL SOFTWARE VERSION TERMINAL INPUT APPARATUS INFORMATION TERMINAL STORAGE APPARATUS CAPACITY TERMINAL OUTPUT APPARATUS INFORMATION LANGUAGE PRINT CAPABILITY TERMINAL STATE INFORMATION
	COUNTRY ADDRESS
	SHEET SIZE BOTH SIDES/ONE SIDE COLOR/BLACK AND WHITE PRINT SPEED FONT
	PRINT SPOOL STATE PRINT APPARATUS AVAILABILITY INFORMATION P-CODE CACHE STATUS

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FIG. 16

FIG. 17A

FIG. 17

FIG. 17A

FIG. 17B

FIG. 17C

BIT	CONTENTS OF P-CODE	
1	0: P-CODE FOR IP (BIT REPRESENTING WHETHER OR NOT P-CODE IS TELEPHONE CODE)	
2 8	VERSION BIT (7 BITS)	
9 16	COUNTRY NUMBER IDENTIFICATION BIT (8 BITS) (USER DOES NOT INPUT USUALLY)	
17	0: P. SERVICE SERVER	1: IP. SERVER
18 19 20 21	BIT FOR INFORMATION ID (38 BITS)	IP SIZE DETERMINATION BIT (3 BITS) (=1: EXTREMELY SMALL SIZE, =2: SMALL SIZE, =3: MEDIUM SIZE, =4: LARGE SIZE, =5: EXTREMELY LARGE SIZE)
28 29 32 33 36 37 40 41 44 45 55		<div> SITE IDENTIFICATION BIT (24 BITS) (IN CASE OF EXTREMELY SMALL SIZE IP) THE NUMBER OF REGISTRABLE IP IS 16 MILLION COMPANIES </div> <div> SITE IDENTIFICATION BIT (20 BITS) (IN CASE OF SMALL SIZE IP) THE NUMBER OF REGISTRABLE IP IS 1,048,575 COMPANIES </div>
56 57 58 59 60 61 62 63 64	SUFFIX (9 BITS) MAXIMUM 512	

TO
FIG. 17B

05421952 080304

FIG. 17B

FROM
FIG. 17A

TO
FIG. 17C

SITE IDENTIFICATION
BIT (16 BITS) (IN CASE
OF MEDIUM SIZE IP)
THE NUMBER OF
REGISTRABLE IP IS
65,535 COMPANIES

SITE IDENTIFICATION
BIT (12 BITS) (IN CASE
OF LARGE SIZE IP)
THE NUMBER OF
REGISTRABLE IP IS
2,047 COMPANIES

SITE IDENTIFICATION
BIT (8 BITS) (IN CASE
OF EXTREMELY
LARGE SIZE IP AND
CANDI SERVER)
THE MAXIMUM NUMBER
OF REGISTRABLE IP IS
255 COMPANIES

BIT FOR INDIVIDUAL
INFORMATION
ID (19 BITS) EACH IP
IS MAXIMUM
APPROXIMATELY 500
THOUSAND

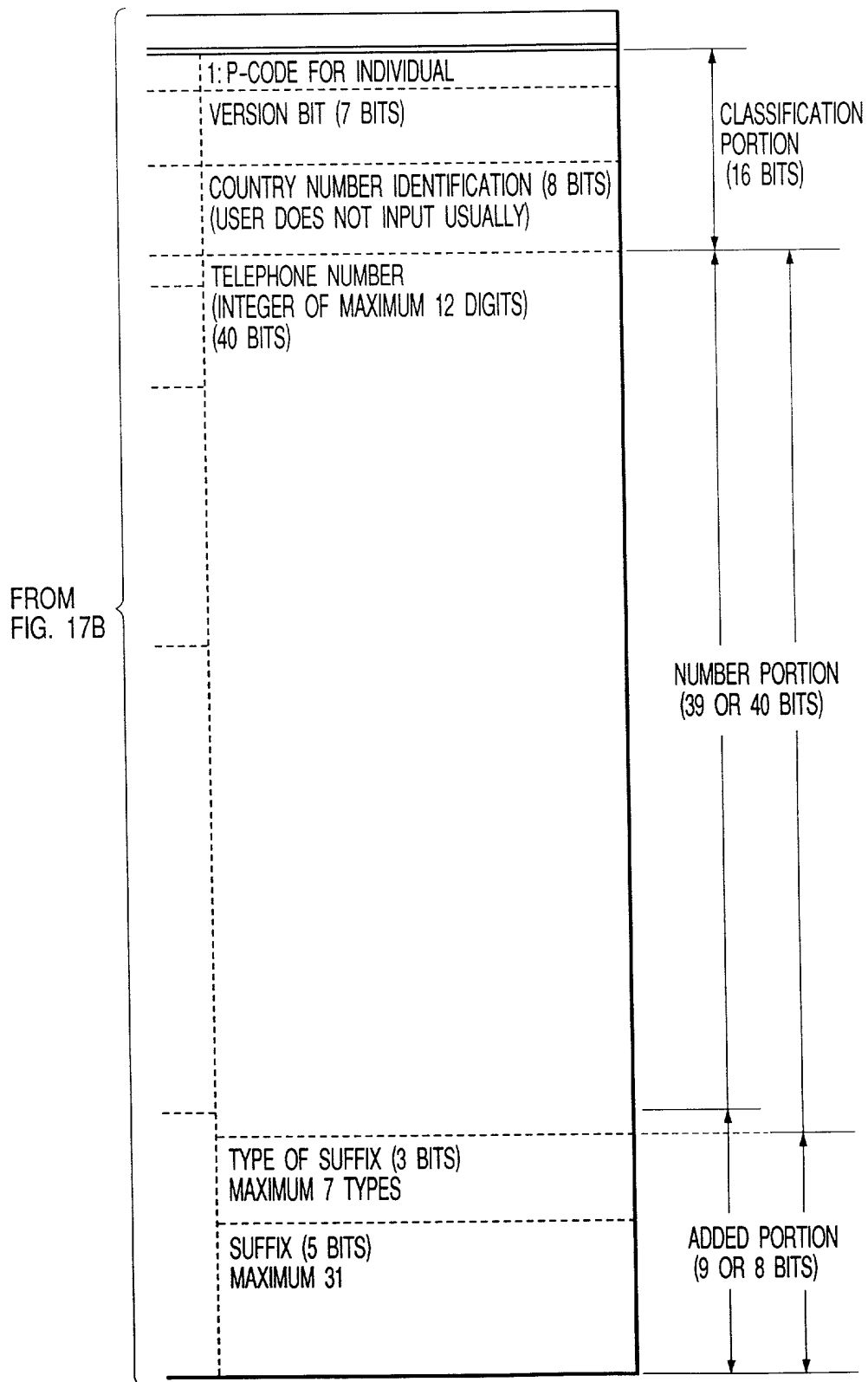
BIT FOR INDIVIDUAL
INFORMATION
ID (23 BITS) EACH IP
IS MAXIMUM
APPROXIMATELY
8 MILLION

BIT FOR INDIVIDUAL
INFORMATION
ID (27 BITS) EACH IP
IS MAXIMUM
APPROXIMATELY
130 MILLION

SUFFIX (9 BITS) MAXIMUM 512

FIG. 17B "255" 255

FIG. 17C



0991957 080301
"080301" 256T2660

FIG. 18

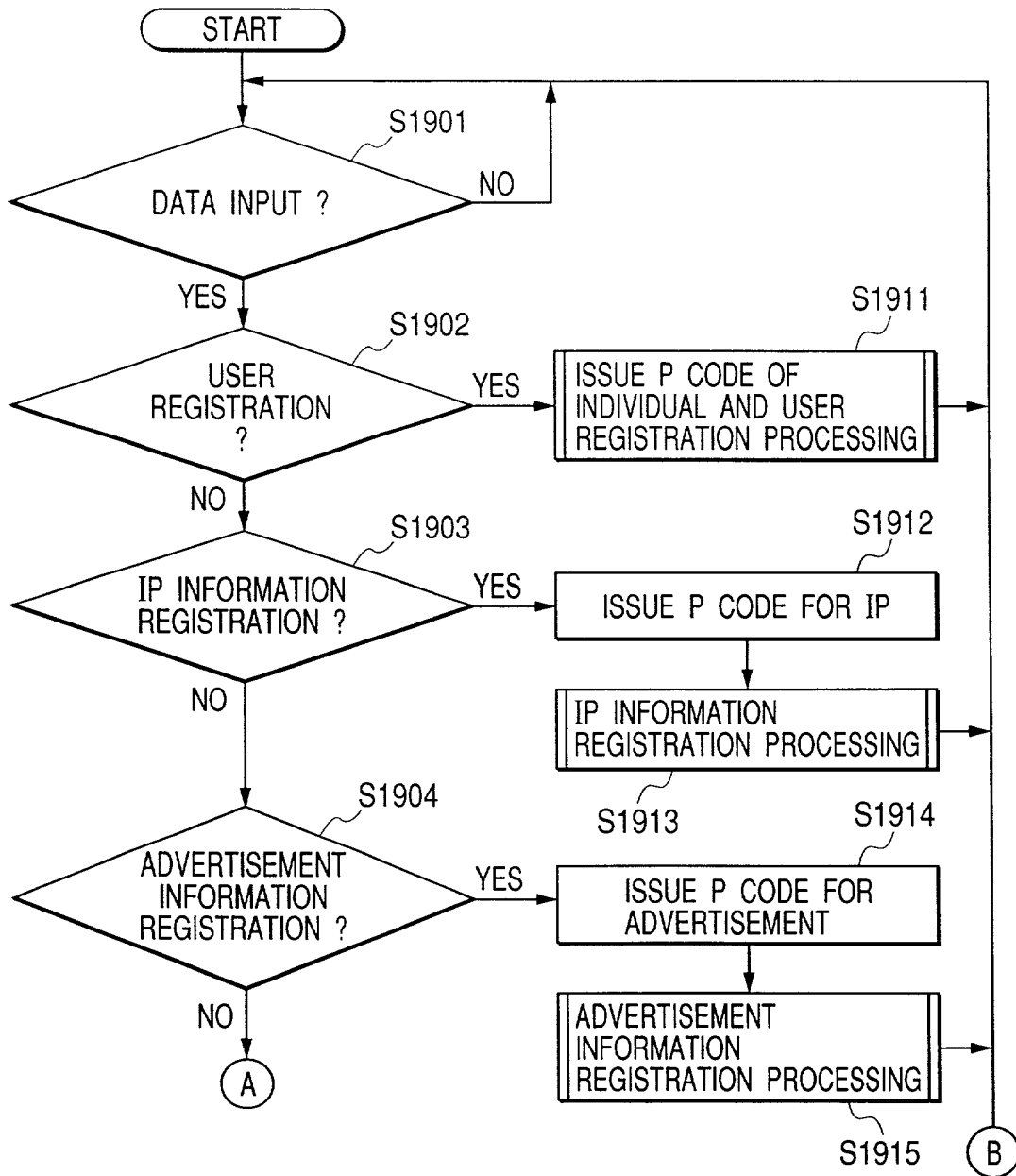


FIG. 19

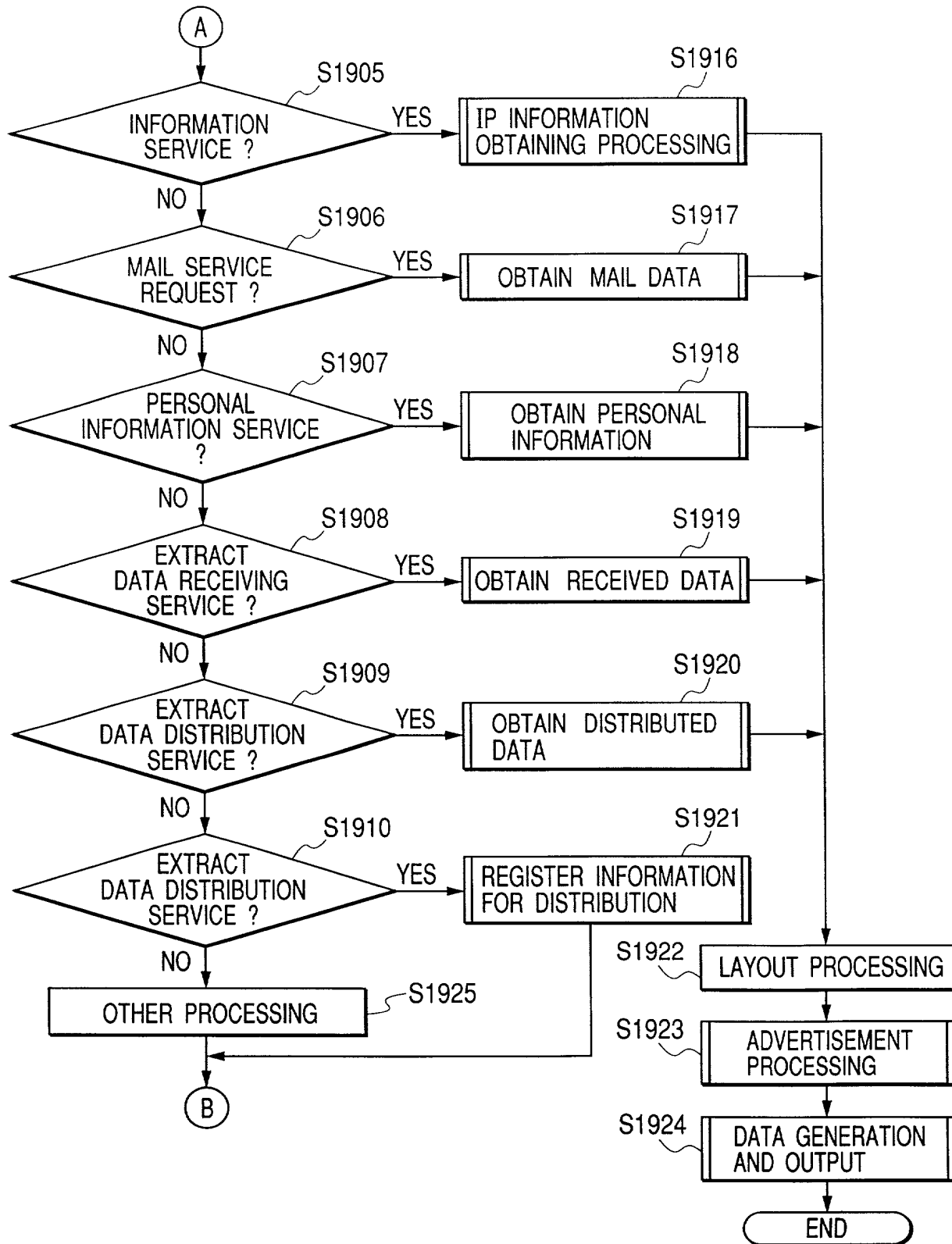


FIG. 20

OBJECT MAIL ADDRESS: abc@canon.ne.jp

PASSWORD: ****

☐ PRINT IMAGE WHEN MAIL HAS ATTACHED IMAGE

☐ PRINT WORDPROCESSOR DOCUMENT IF ATTACHED IN MAIL

☐ PRINT MAIL SENTENCE THAT CANNOT BE FULLY DISPLAYED ON MAIL TERMINAL

☐ NOTIFY THAT MAIL TO BE PRINTED HAS ARRIVED

OK CANCEL

FIG. 21

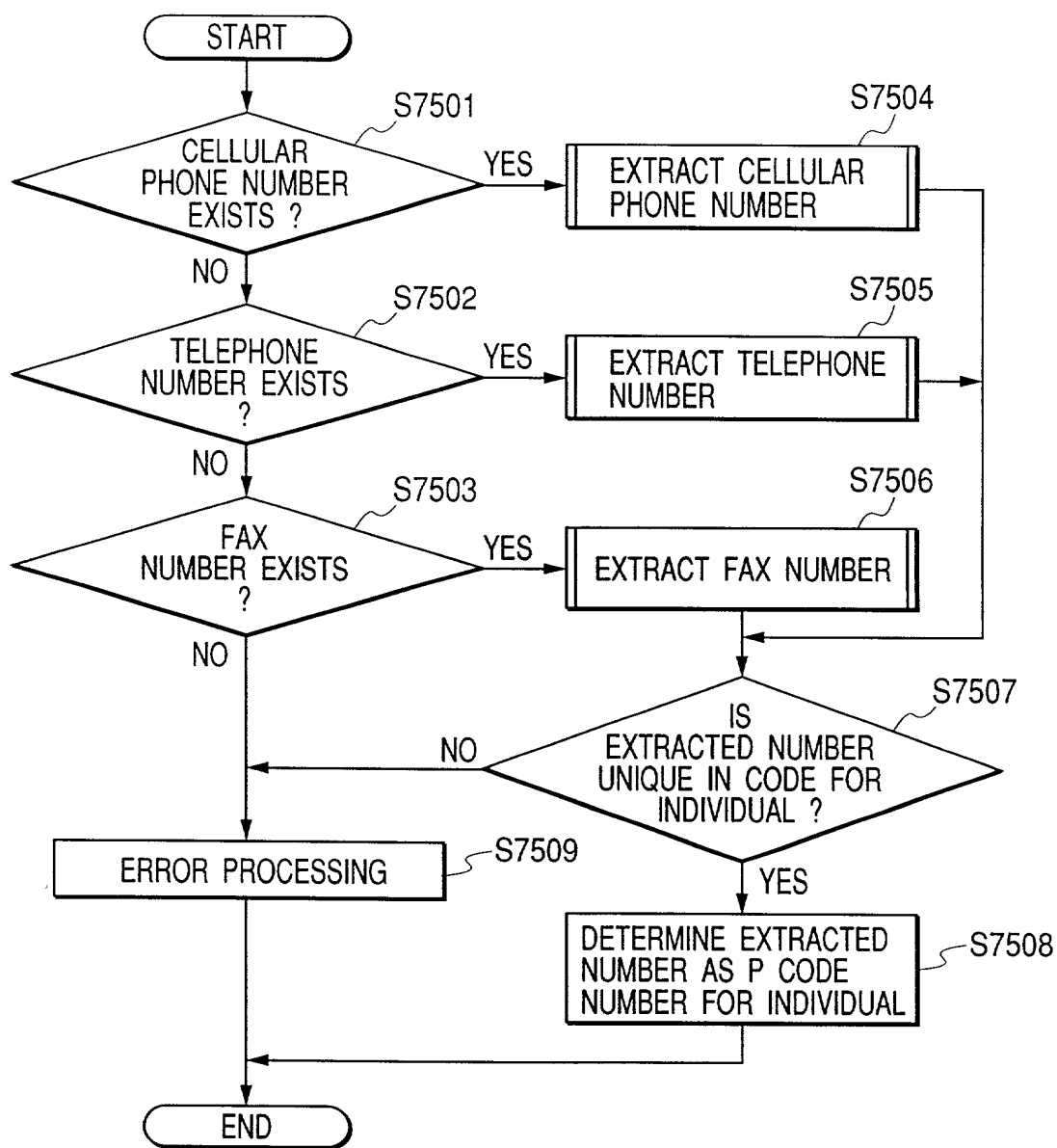


FIG. 22

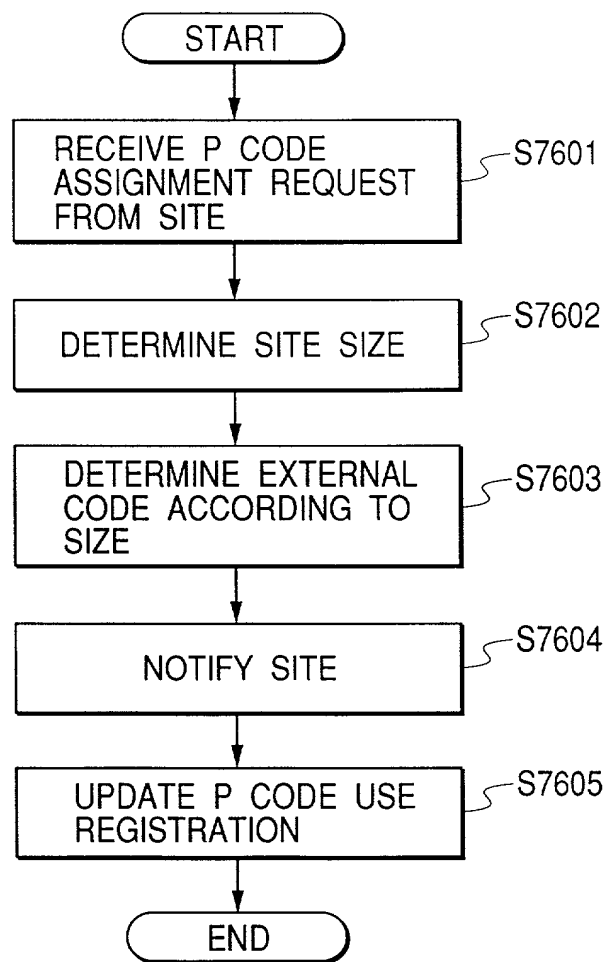


FIG. 23

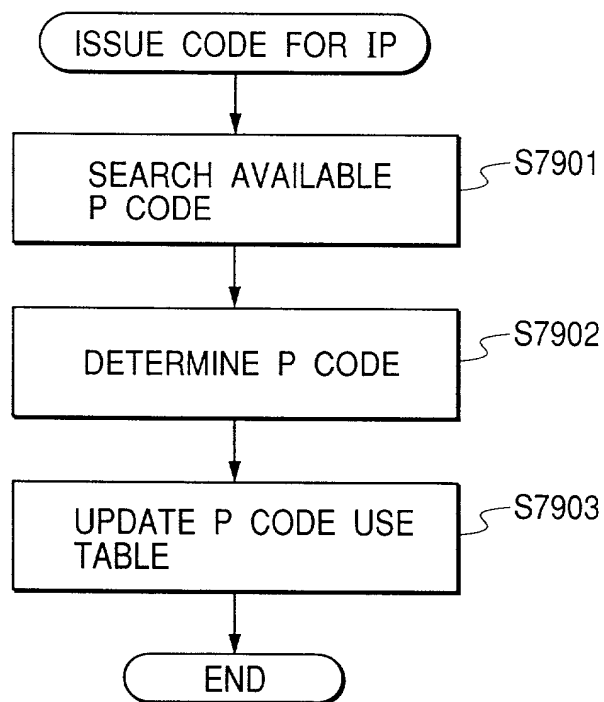


FIG. 24

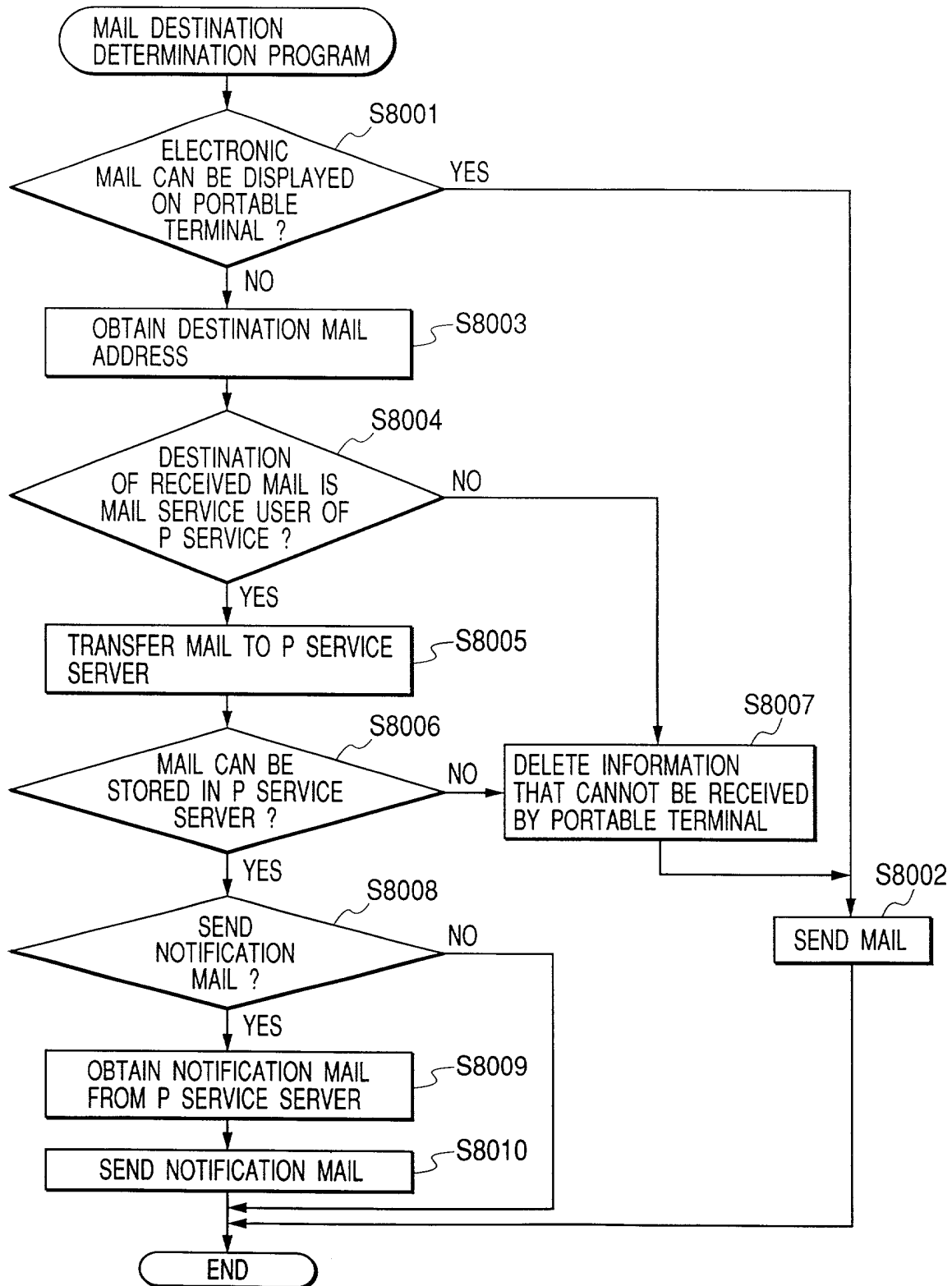


FIG. 25

FIG. 25A

FIG. 25B

FIG. 25A

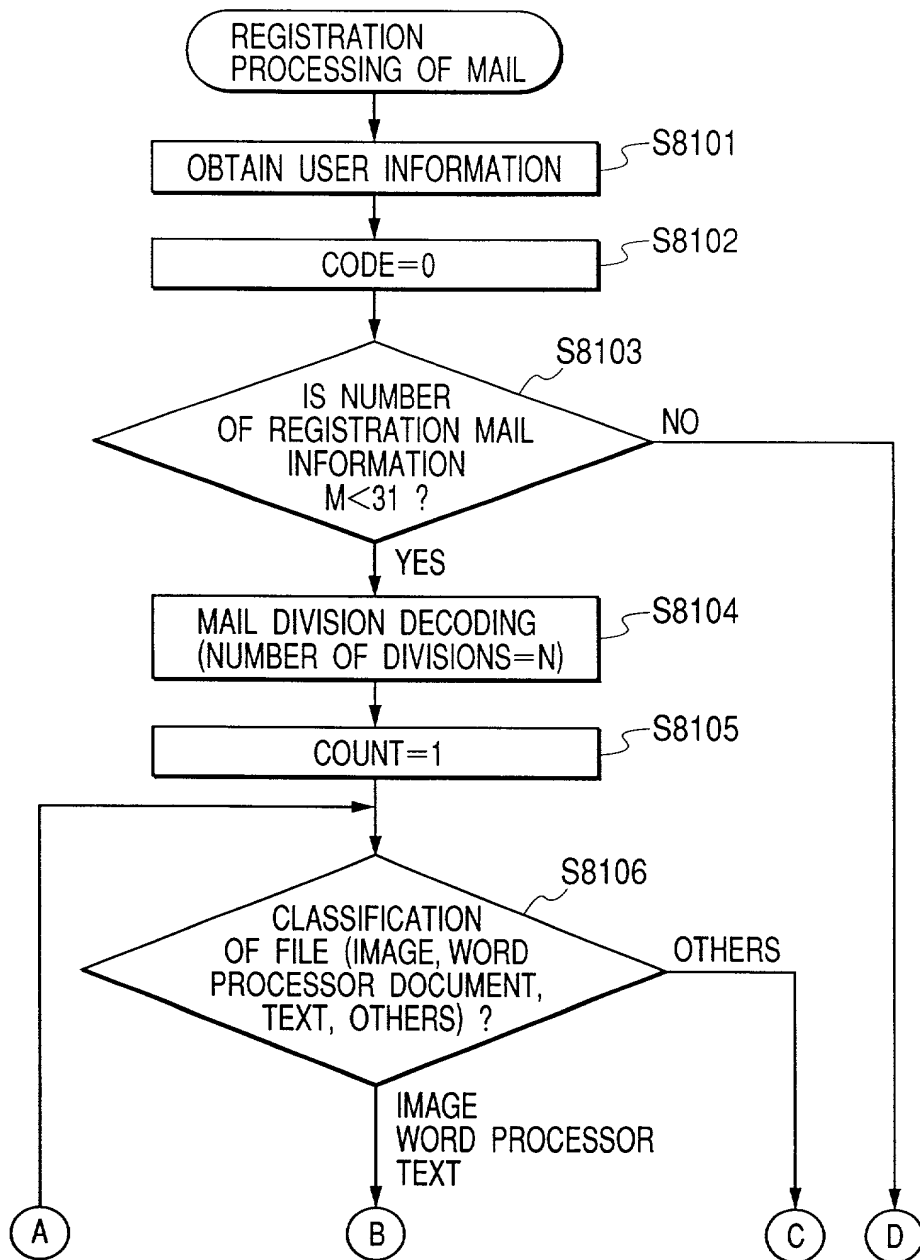


FIG. 25B

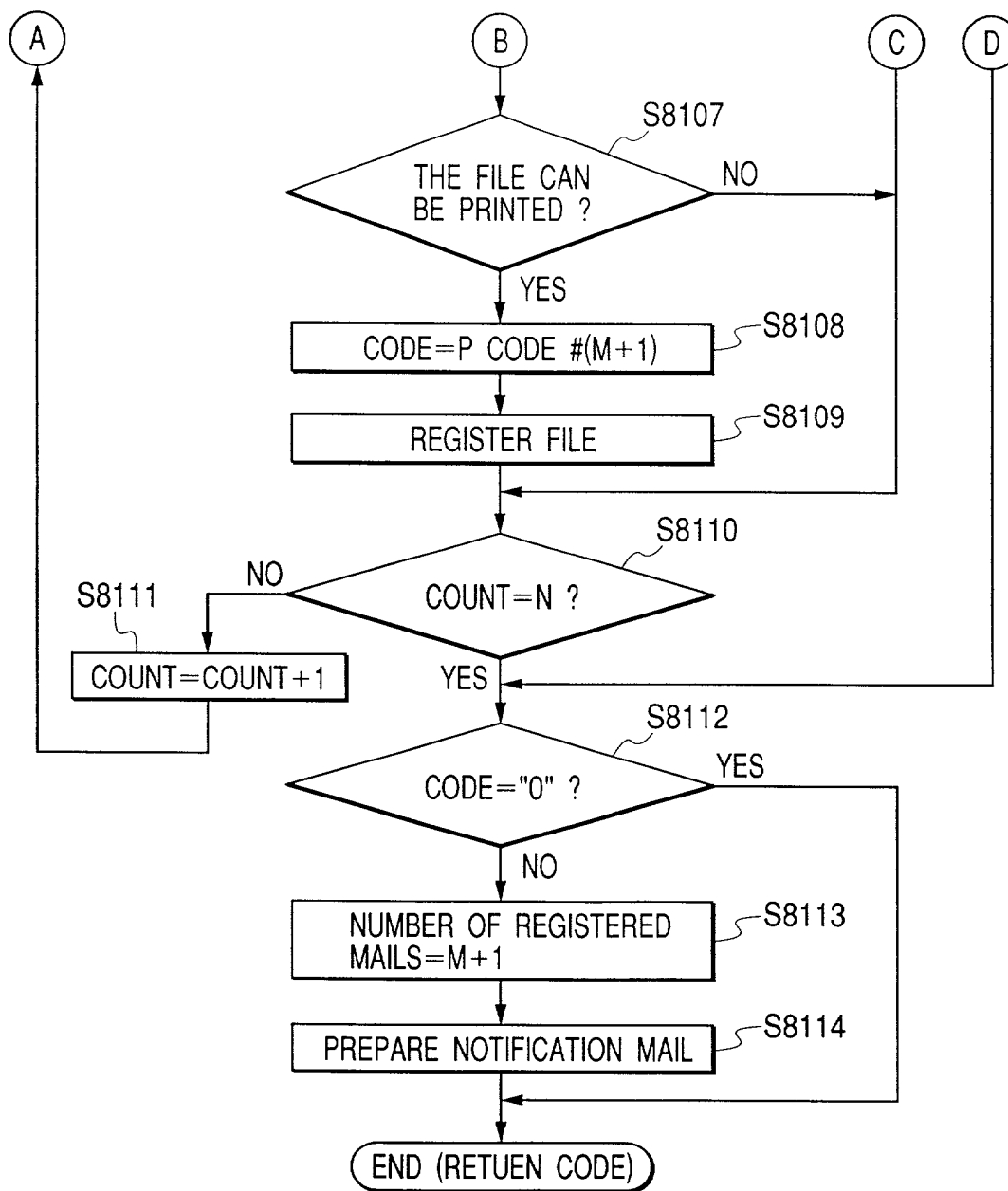
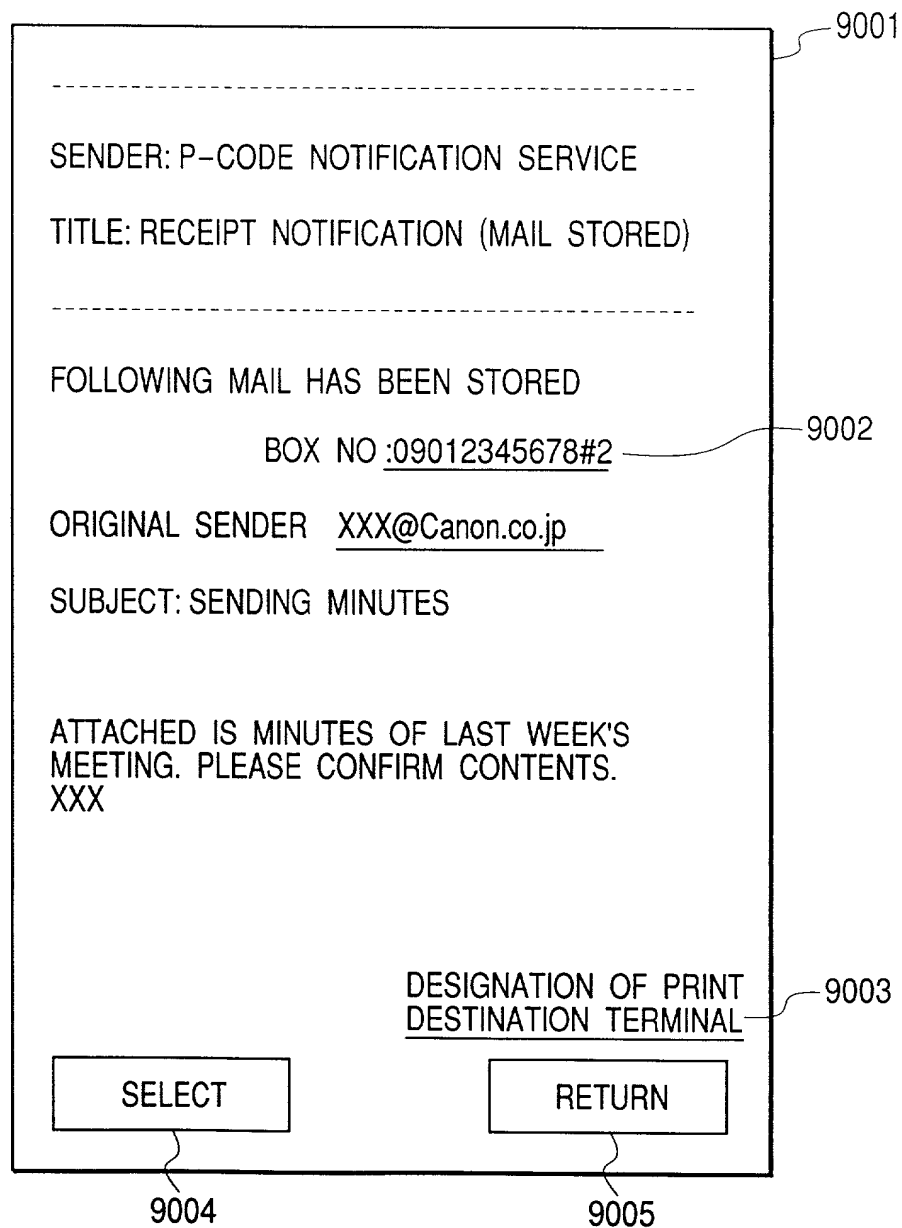


FIG. 26

MAIL NOTIFICATION SERVICE

NOTIFICATION MAIL SCREEN



The diagram shows a rectangular screen with a dashed line at the top. Below the line, the text 'SENDER: P-CODE NOTIFICATION SERVICE' and 'TITLE: RECEIPT NOTIFICATION (MAIL STORED)' is displayed. Another dashed line follows. Below this, the text 'FOLLOWING MAIL HAS BEEN STORED' is shown. To the right of the screen, a bracket labeled '9001' spans the top section. Below the main text, 'BOX NO :09012345678#2' is displayed, with a bracket labeled '9002' pointing to it. Below that, 'ORIGINAL SENDER XXX@Canon.co.jp' and 'SUBJECT: SENDING MINUTES' are shown. Further down, the text 'ATTACHED IS MINUTES OF LAST WEEK'S MEETING. PLEASE CONFIRM CONTENTS. XXX' is displayed. At the bottom right, 'DESIGNATION OF PRINT DESTINATION TERMINAL' is shown, with a bracket labeled '9003' pointing to it. At the bottom of the screen, there are two buttons: 'SELECT' on the left and 'RETURN' on the right. Brackets labeled '9004' and '9005' point to these buttons respectively.

SENDER: P-CODE NOTIFICATION SERVICE

TITLE: RECEIPT NOTIFICATION (MAIL STORED)

FOLLOWING MAIL HAS BEEN STORED

BOX NO :09012345678#2

ORIGINAL SENDER XXX@Canon.co.jp

SUBJECT: SENDING MINUTES

ATTACHED IS MINUTES OF LAST WEEK'S
MEETING. PLEASE CONFIRM CONTENTS.
XXX

DESIGNATION OF PRINT
DESTINATION TERMINAL

SELECT

RETURN

9001

9002

9003

9004

9005

FIG. 27

PRINT DESTINATION TERMINAL
DESIGNATION SCREEN

8301

----- DESIGNATE PRINT DESTINATION -----

BOX NO :09012345678#2

SEARCH BY TELEPHONE NUMBER OF SHOP 8302a

SEARCH BY ADDRESS 8302b

SEARCH BY MAP 8302c

SEARCH BY NEAREST STATION/ROAD CROSSING 8302d

SEARCH BY PRESENT POSITION 8302e

8203 SELECT

8204 RETURN

09012345678#2

FIG. 28

P-CODE SERVICE

PLEASE SELECT METHOD OF INPUTTING P-CODE

INPUT BY TOUCH PANEL

9502

INPUT FROM CELLULAR PHONE

9503

HANDY SCANNER INPUT

9504

PLEASE PRESS HERE FOR TRANSMISSION OF DATA

9505

FIG. 29

MAIL BOX HAS FOLLOWING MAILS

PRINT ALL

DISPLAY PREVIOUS LIST

DISPLAY NEXT LIST

SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT		
#1	NEW YEAR PARTY	takaha@ces.canon	1	COLOR	BLACK AND WHITE	NOT PRINT
#2	SENDING DB EXAMINATION MEETING MINUTES	itoh@cci.dumnt	2	COLOR	BLACK AND WHITE	NOT PRINT
#3	RE: DO YOU KNOW ?	nishida@ykk.com	1	COLOR	BLACK AND WHITE	NOT PRINT

NUMBER OF SELECTED
MAILS IS TWO

NUMBER OF PRINT PAGES
IS THREE

PRINT PREVIEW

SET OPTION

PRINT

RETURN

CANCEL

FIG. 30

10401

MAIL PRINT OPTION

YOU CAN SELECT FOLLOWING OPTIONS

CONTINUOUSLY PRINT MAILS ON
SAME SHEET

PRINT NOT PRINT

PRINT IN AS SMALL LETTER SIZE AS
POSSIBLE AND CLOSELY

PRINT NOT PRINT

10402

10403

APPROVE

10404

CANCEL

FIG. 31

12301

P-CODE SERVICE

PAY IN CASH 12302

DEBIT CARD 12305

CREDIT CARD 12303

PREPAID CARD 12306

ON-LINE SETTLEMENT 12304

CHARGE IS 240 YEN

12307

RETURN

12308

CANCEL

FIG. 32

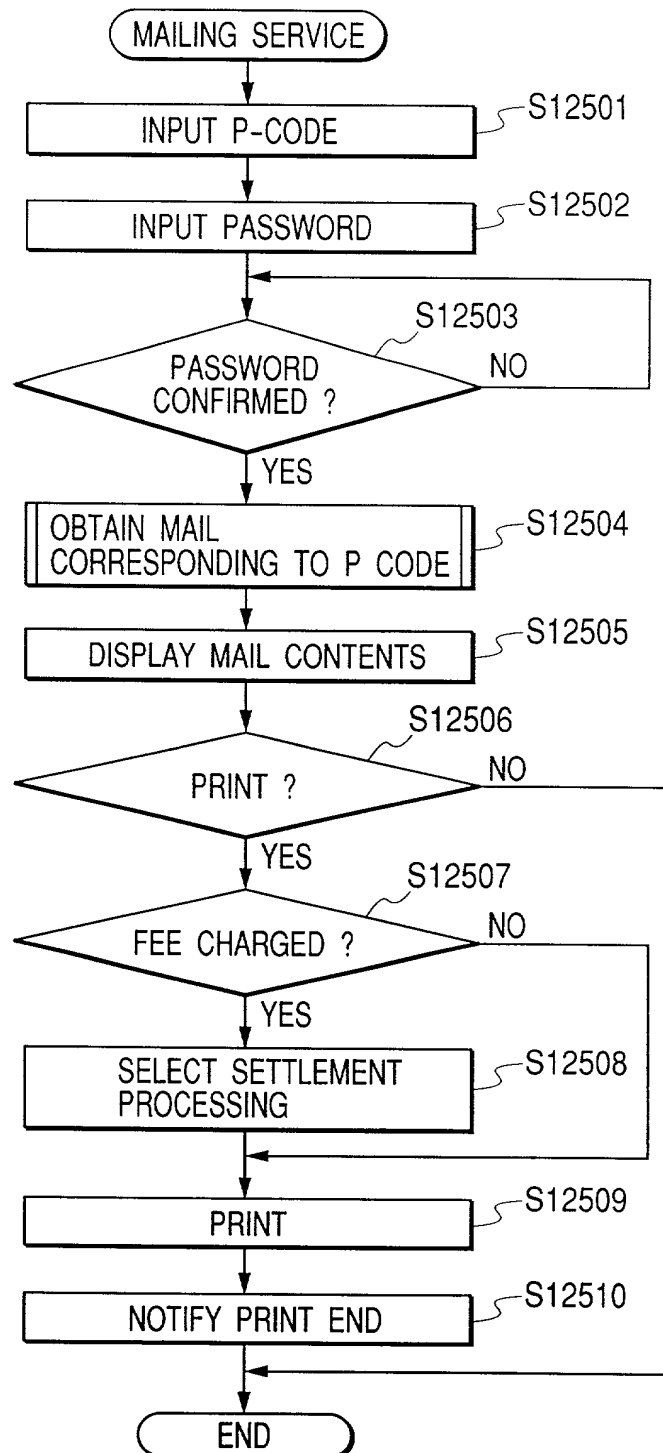


FIG. 33

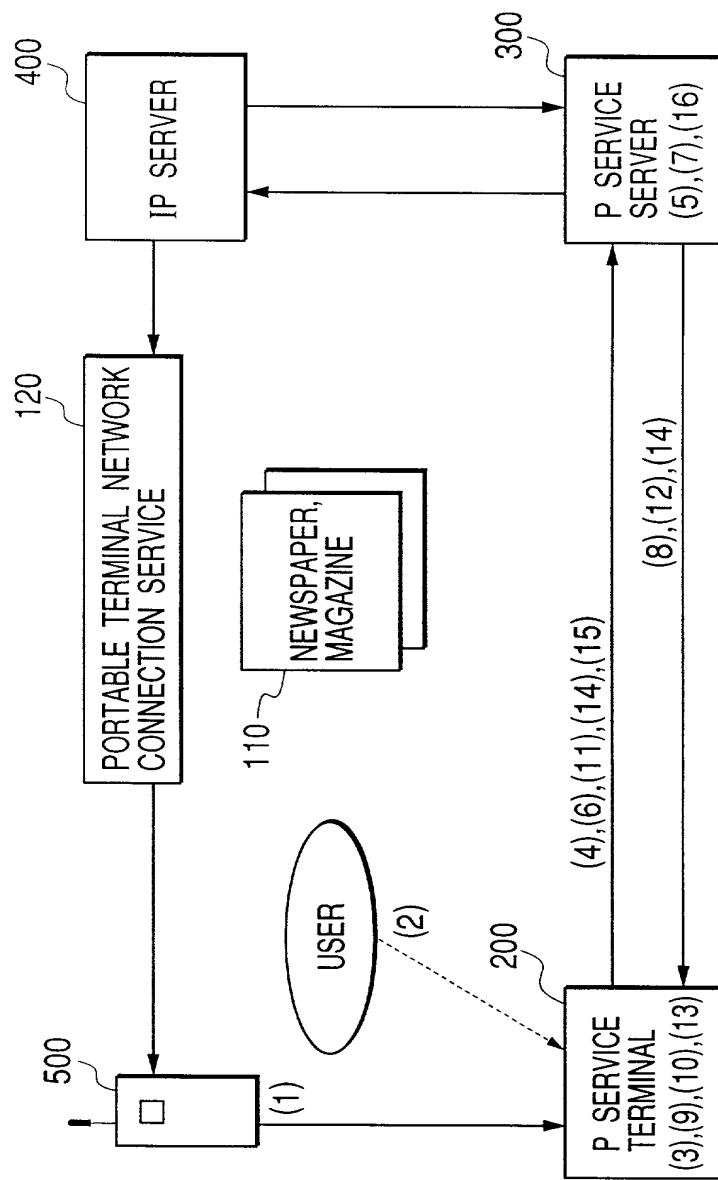


FIG. 34

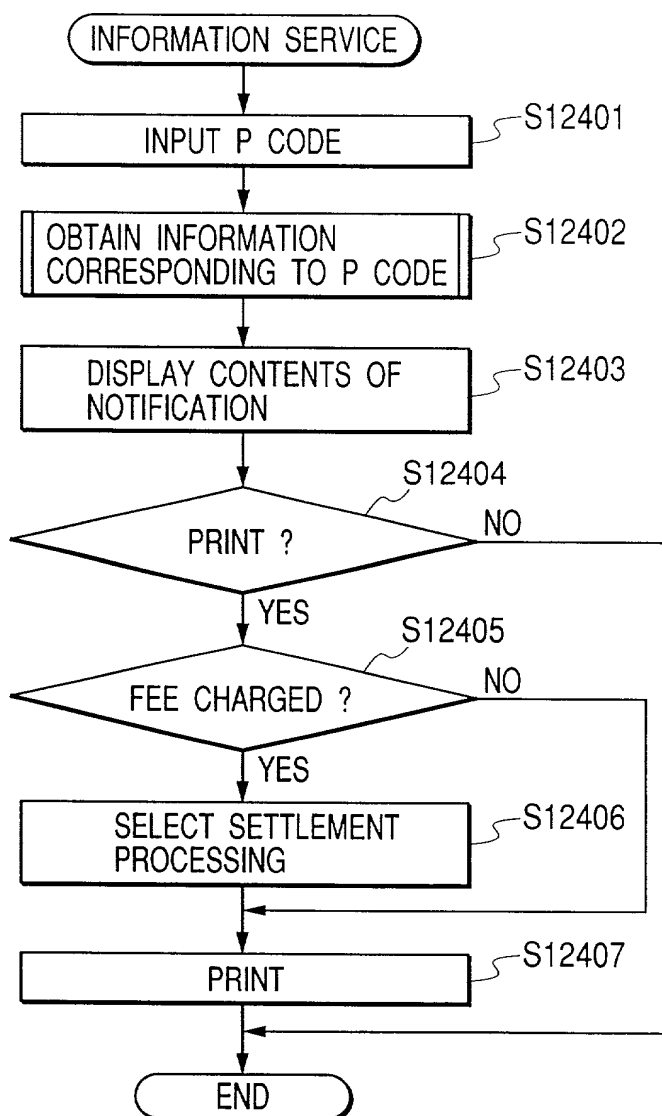


FIG. 35

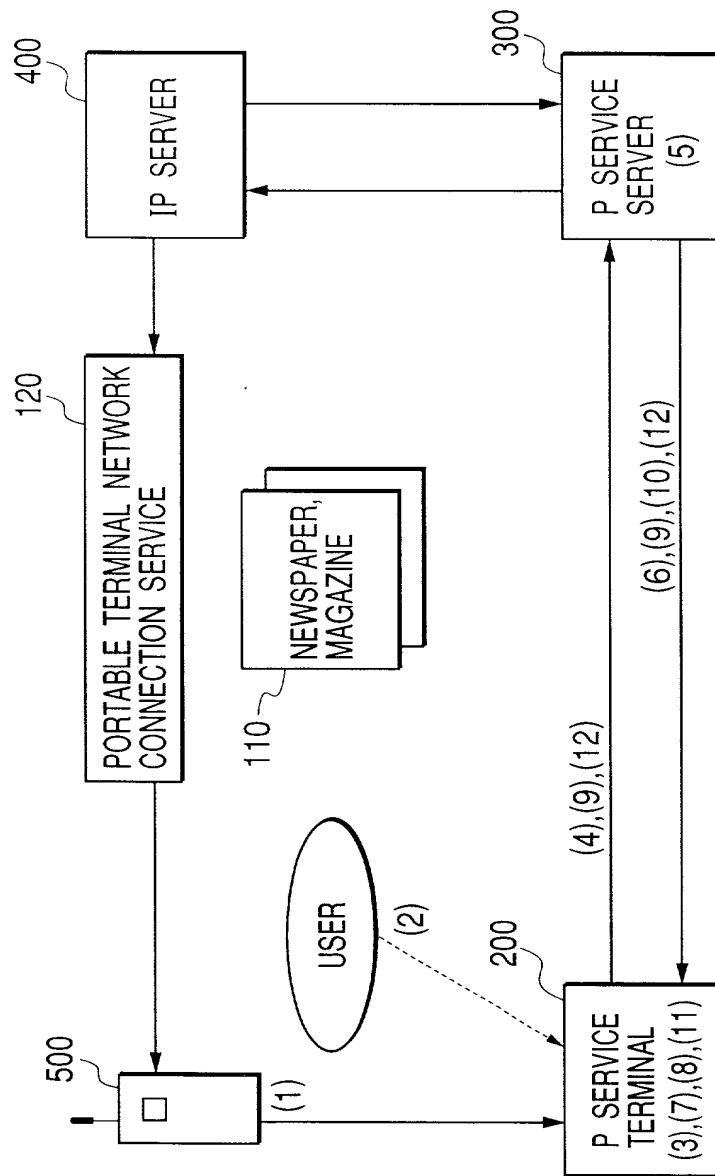


FIG. 36

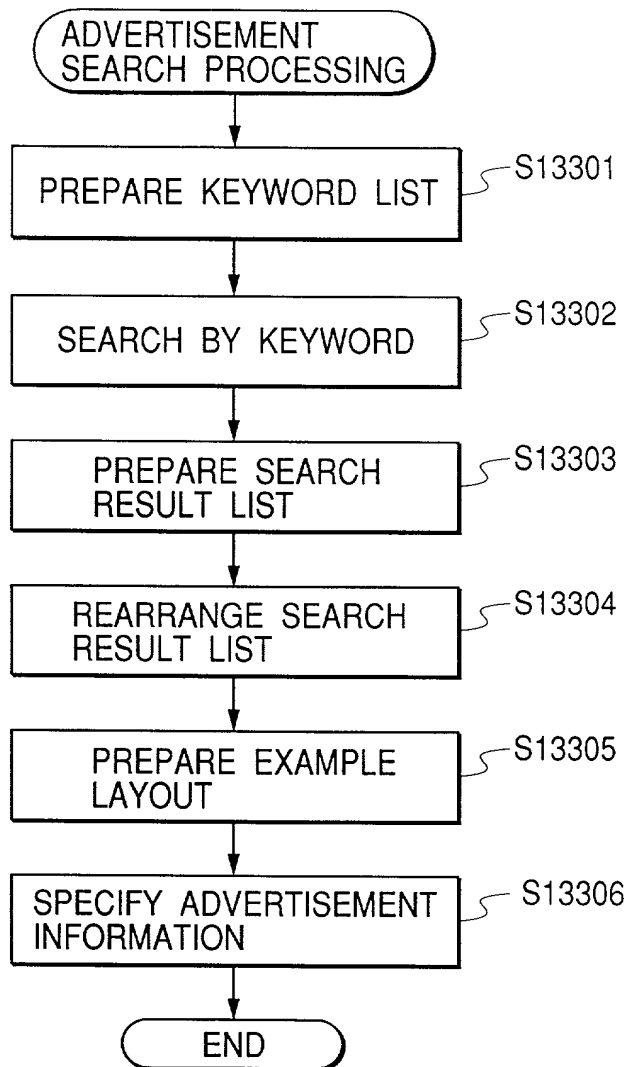


FIG. 36